



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: Second Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- RARS meets for a monthly dinner on the First Tuesday of each month.



PUBLIC SERVICE EVENTS

Interested in helping? Visit
<http://www.rars.org/public-service.php>

frequently for our 2018
ham public service
schedule.

RARS General Meeting

Topic: Digital Mode Demo, including FT8 by

Louis K4BYN & Tom N4TL

Date: April 10, 2018

Time: Meeting at 7:30PM

Informal gathering and refreshments from 7 - 7:30 p.m.

Where: Ridge Road Baptist Church. 2011 Ridge Rd., Raleigh

New HAM / Elmer meeting, 6:00 p.m. before member meeting

Tadd Torborg, KA2DEW, Elmer Coordinator

[Click here for more information.](#)

President's Message

With the successful completion of RARSfest I begin this article by communicating a heartfelt thank you to every person who contributed to the event's success. Tara W4TSW and Ian N0IAN co-chaired leadership of the event and a huge team of dedicated volunteers brought the vision to reality. Some volunteers have been serving for decades, others are brand new and just starting to get involved, all made a difference.

The events at RARSfest, and seeing many different RARS members come together with each one bringing her or his unique skills to the table, reminded me of why I am so proud to be a member of the Raleigh Amateur Radio Society. RARS is filled

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RARS Officers

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The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).

Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: Second Tuesday of each month

Location: Ridge Road Baptist Church 2011
Ridge Road Raleigh, NC, 27607

Time: People begin arriving at 7 p.m. The
meeting officially begins at 7:30 p.m.

RARS Monthly Dinner

All members and guests are welcome to
the monthly (first Tuesday) RARS Supper,
6:30PM, at the Golden Corral Restaurant,
6129 Glenwood Ave., Raleigh. Informal and
Dutch, just bring your appetite and best rag to
chew. 73, Chuck, K4HF

RARS Repeaters in Raleigh

146.640 and 444.525

Join us for the nightly RARS net at 8 p.m.
on the 146.640 repeater. All hams holding a
Technician class license or higher are invited
to check in. We welcome both RARS and non-
RARS members to the net.

There is a net Listing on the RARS web-
site click here. <http://www.rars.org/nets.php>

VE Testing

The RARS VEs will accept walk-in testing in
February, May, August and November at
5:30PM, prior to RARS membership meetings
at Ridge Road Baptist Church; the RARSfest
in April; the Cary Swapfest in July; the JARS-
Fest in November; and following RARS license
classes. Please bring a photo ID, your origi-
nal and a copy of your current license, your
\$14 exam fee, and any valid CSCEs that prove
passing elements beyond that of your current
license. Visit www.rars.org for more infor-
mation.

March 2018

RARS Net Report Summary

Checkins: 522

Traffic Brought/Passed: 14/11

Minutes: 932

Sessions: 31

Special 10 Meter Net

Checkins: 14

Minutes: 67

Sessions: 1

Virginia Enzor NC4VA

RARS Net Manager

Future Hamfests

A full list of Hamfests can be found at the

[ARRL website.](#)

04/21/2018 | [Catawba Valley Hamfest](#)

Location: Morganton, NC

Type: ARRL Hamfest

Sponsor: McDowell Amateur Radio Association

Website: <http://cvhamfest.com>

05/5/2018 | Tailgating Extravaganza, 10AM to 2PM

Location: Wayne Community College, Goldsboro, NC

Type: Un-Fest

Sponsor: Wayne County Amateur Radio Association

Website: <http://www.k4cyp.com/>

05/12/2018 | [Rockingham County ARC Swapfest](#)

Location: Reidsville, NC

Type: ARRL Hamfest

Sponsor: Rockingham County Amateur Radio Club

Website: <http://n4iv.org>

06/02/2018 | [Winston-Salem Hamfest](#)

Location: Winston-Salem, NC

Type: ARRL Hamfest

Sponsor: Forsyth Amateur Radio Club

Website: <http://www.w4nc.com>

President's Message continued

with competent, active members who take joy in helping each other.

In fact, RARS is the primary reason that I live in the Research Triangle! Several years ago my employer offered me the opportunity to relocate from an office at our International Headquarters in Chicago into the territory that I cover. I was told I could live anywhere in SC, NC, VA, TN, DE, DC or MD. I thought it would be most prudent to be close to the center of that area so I focused mostly on NC and VA. At that point I began to research Amateur Radio clubs to see where Amateur Radio was most active and healthy in those two states. I went to the ARRL's list of Special Service Clubs and began doing my online research. RARS stood out head and shoulders above all other selections and so I chose Raleigh.

I read through the online archive of Exciters and learned about the high quality programs offered at each month's meetings. I read about the large Field Day operations and the active nightly nets on VHF. I watched a YouTube video about ham radio made by RARS members Gary KN4AQ and Jeff AC4ZO. I saw that RARS had an active VE team and taught classes. I saw that RARS had many members who are on DXCC honor roll and that the ARRL section manager was a past president of RARS. I recognized the call signs of some RARS members as having written articles in significant ARRL publications. Not many clubs can offer that kind of experience to their membership, but RARS does. I sent my boss an e-mail saying I was relocating to Raleigh and that decision has turned out to be one of the best choices I ever made.

Whatever your favorite aspect of Ham Radio may be, you will find a leader (not just a participant) in that aspect of the hobby in RARS. We have top notch satellite operators, high speed telegraphers, restorers of vintage radios, DX champions, QRP enthusiasts, Home brewers, Public Service volunteers, Sky Warn leaders, AM Fone operators, SDR experts, antenna design gurus, creators of ham radio podcasts and YouTube channels, ARRL leaders, Radio Direction Finding experts, authors, professional engineers and technicians, teachers, young people, retirees, men and women. There is room for all aspects of ham radio in RARS and this diversity is our greatest strength. So whatever category of operator you fall into from casual to intense from longest serving member of the QCWA to newly licensed Technician – thank you for being a member of RARS you make our club great!

I want to conclude this article by including a copy of the Radio Amateur's Code. Every RARS member I know strives to live up to this code and I have a copy of it on the wall in my

President's Message continued

shack. I encourage you to put a copy of it in your station as well, if you have not already done so.

The Radio Amateur is

- CONSIDERATE...He/[She] never knowingly operates in such a way as to lessen the pleasure of others.
- LOYAL...He/[She] offers loyalty, encouragement and support to other amateurs, local clubs, the IARU Radio Society in his/[her] country, through which Amateur Radio in his/[her] country is represented nationally and internationally.
- PROGRESSIVE...He/[She] keeps his/[her] station up to date. It is well-built and efficient. His/[Her] operating practice is above reproach.
- FRIENDLY...He/[She] operates slowly and patiently when requested; offers friendly advice and counsel to beginners; kind assistance, cooperation and consideration for the interests of others. These are the marks of the amateur spirit.
- BALANCED...Radio is a hobby, never interfering with duties owed to family, job, school or community.
- PATRIOTIC...His/[Her] station and skills are always ready for service to country and community.

- adapted from the original Amateur's Code, written by Paul M. Segal, W9EEA, in 1928

73,

Carl W8WZ

RARS President



RARS Birthdays

Paul	KO4LZ	04/01
Craig	W4CRG	04/01
Susan Murray		04/01
Devin	KN4FVH	04/01
Roger	KB4FEU	04/02
Rob	KM4MLY	04/03
Bob	W4TTX	04/03
Mike	KW4IQ	04/04
Garry	KM4MMC	04/07
Donald	KW4CVG	04/07
Henry	WB2AGA	04/08
Julia	KT4JR	04/09
Dennis	NC4DK	04/10
Bob	K2QJ	04/11
Scott	KG4ZYA	04/11
Mike	KK4QMA	04/12
Ian	N0IAN	04/13
Dave	K4KDP	04/13
Thomas	N4IZE	04/15
Cindy	KB8LVU	04/15
Albert	N4AGG	04/16
Luke	KN4GYU	04/17
Ryan	N7RYN	04/17
Dick	KB1HIW	04/17
Bob	KG4BDX	04/18
Kirk	KI4RK	04/19
Larry	W4LEC	04/19
John	W4WWD	04/20
Peter	K2AXI	04/21
Fin	NC4FG	04/22
Joanne	AK4RJ	04/23

RARS Birthdays continued

Pete	KI4LWQ	04/23
Dave	KG4OPZ	04/24
Patrick	W4NMS	04/25
Don	WA4AVU	04/26
Joe	KT4JOE	04/27
Charlie	WA4OSS	04/27
Tad	K3TD	04/28
Michael	KD4OKR	04/29
John	NC4JP	04/29
Stan	WA2KQY	04/29
Tara	KM4ZSZ	04/30

New RARS Members

John Hefner	KX4FC
John Ray	Waiting



*New HAM / Elmer meeting, 6:00 p.m. before the
member meeting*

Tadd Torborg, KA2DEW, Elmer Coordinator

*The New Hams meeting is held every month before the regular RARS meeting.
We'll try to start by 6pm. We try to address topics in a manner that will be of help
to hams in their first year of operation.*

March New Hams meeting



Tom N4TL gave a presentation about Worked All States and other awards

March Door Prize winners



Kenneth Castille KN4GUS, Dennis Mason WZ0Q & Mary Holtschneider KG4OQA

March Presentation



Tara Goodwin W4TSW, RARSfest co-chairman and RARS Secretary

Giving a presentation about the RARSfest that will be March 31st

RARS Appreciation Awards Ceremony

Several Amateur Radio Operators received recognition for their service in the ham community.

Plaques



Left to right

Tadd Torborg (KA2DEW) Appreciation for managing the RARS New Ham Class

Robert Chapman (NC1X) RARS Secretary 2014-2017

Dennis Keith (NC4DK) RARS President 2016-2017

Thomas Lewis (N4TL) In appreciation as the RARS Exciter Editor 2015-present

Not present

Ian Hewitt (N0IAN) RARSfest Chairman 2016-2018

Charles Littlewood (K4HF) In appreciation for assisting in all 46 RARSfest 1973-2018

Continued from the previous page

Certificates



Left to right

John Brier (KG4AKV) Managing the 02/05/2018 ISS School Project

Dick Orander (KD4ISC) Long RARS support as net manager, ISS Project, Public Service, & RARSfest Staff

Selene Montgomery (KG4RMT) RARSfest help 2000-2018

Harry Montgomery Jr (K4HM) RARSfest Staff 2000-2018

Mary Holtschneider (KG4OQA) RARS Net Manager 2002-2017

Not present

Raymond Lefrancois (NC4OO) RARS Director At Large 2015-2017

Bernard Blackmon Jr (W4BRB) RARSfest Staff 1991-2018

Douglas Sweet (AD4UL) RARSfest Staff 1991-2018

Ronnie Casey (K4JDR) Support of Hams Public Service

Harold Finley Jr (W4BAD) Support of Hams Public Service

Dee Ramm (KU4GC) Support of Hams Public Service

Danny Eddleman (KR4UB) Support of Hams Public Service

Amnon Nissan, owner of DeltaForce Technologies-Appreciation of years of support for the RARS websites

Julie Royster (KT4JR) For her contributions as a volunteer examiner team member

Gillian Zech-appreciation for several years as RARSfest Supper Staff, door prize assistant, and many other duties.

Last Newsletter for the 46th Annual RARSfest & ARRL NC State Convention

WOW!!! What an event!!!! As I set here looking for the words to describe the past weekend those are the first that come into my mind. How else would I describe the interactions, demos, hands-on tables, and great deals we had on Saturday?

To start off I would use the word **SUCCESSFUL**. The forums and demos were all very well received, the dealers and vendors had lots of great items for show and buy, and, the best part, our attendance was up almost 4% from last year- the highest since last century. And so were our flea Market table participants. I can't think of anything more successful than more vendors, more forums, and more guest to enjoy them!!

Another word I would use would be **WELCOMING**. As in we are Welcoming 18 new Technicians licensees, 18 new General licensees, and 9 Extra licensees into the Amateur Radio community. That's Right!! 13 Volunteer examiners administered 74 tests, in a two hour period, and out of those tests we are welcoming 45, either new hams or upgraded hams, to the radio waves. And for those who are new to the hobby, I hope to see you at our New Ham meetings every second Tuesday of the month. These are located at Ridge Road Baptist Church at 2011 Ridge Road. The next New Ham Meeting will be held Tuesday April 10th, at 6pm, and they are full of information, seasoned hams to guide you, and hands-on projects.

WINNING! Not to steal a not so famous catch phrase but that's exactly what was happening on Saturday. Our 9am Pre-Registration \$100 prize was won by a guest from Old Fort. The 10am \$100 prize was won by a guest from Elm City. At 11am a guest from New Hill took home a \$100 followed by a Pittsboro \$100 winner at 12pm and a \$100 Apex winner at 1pm. Then at 2pm there was a grand prize drawing, for \$400, won by a very well-known radio operator from Smithfield. And don't forget the Fox Hunt prize. Yes, a Raleigh ham, with his hand-held and skill, tracked down our elusive fox and won the \$30 hunt prize. **CONGRATULATIONS** to all of

our Prize Winners!!!!!!

And let's also look at the word **EDUCATIONAL**. That's right, the Hamfest wasn't just about buying and selling of equipment. It was also hands-on learning, up close and personal demonstrations, and forums designed to assist you in expanding your radio hobby. Many licensed operators took time to build their own J-pole antennas at our Build a J-pole table and there was a waiting list at the learn-to-solder table. Both of the Satellite demos were busy and, per the vendor, their booth stayed busy all day with questions about how to get started with Satellite contacts. And though we admit there was a small blip earlier in the day that had our forums running a bit behind schedule, it didn't stop them from having many guest attend to learn everything from how to help their community as a ham all the way to learning to use DMR.

But no matter how **AWESOME**, Yes that is actually a favorite word of mine to use, we see this event as being we still need **YOUR** help in making it better. Every year we have to look back at the previous event and decide what we need to move forward with and what needs to be left behind. It's a very big decision for the committee and it helps out greatly to know what you liked, and/or, did not like about the event. So we have created an easy way to **YOU** tell us your thoughts.

FEEDBACK! That's right we have a feedback forum all ready for you to send us your thoughts, and I promise we do read them. All you have to do is go to www.rarsfest.org and you will see it right there on the home page. Click the link that says Feedback, type up a few sentences, hit submit and then leave it in our hands to read and discuss!

And last, but definitely not least, I say **THANK YOU!** Thank you to all of our volunteers and staff that worked tirelessly for six months to plan, organize, and create the different components of the show. Even after 46 years it takes time, effort, and a leadership team to see it all come together. **Thank You** to our volunteers who gave up several hours of their Friday and Saturday to set up, work, and break down the event. Without that extra help nothing would have been ready in time. And **Thank You** to all of our show guests. No matter how much effort and time we put into RARSfest it would be nothing without those of you who take the time to visit and experience. We loved seeing you all on Saturday and we look forward to seeing you back here again April 20th, 2019.

Tara Goodwin (W4TSW) RARSfest Chair

RARSfest 2018 pictures



RARSfest 2018 Friday Night Dinner, above



2018 RARSfest Prize Winners

9:00	Pre-registration	\$100	Walter English	AF4CI
10:00	Hourly	\$100	Mallie Raper	WB4NXS
11:00	Hourly	\$100	Karl Kastleberg	
12:00	Hourly	\$100	Dan Wise	K4FD
1:00	Hourly	\$100	Christy Davenport	
2:00	Grand Prize	\$400	Bill Stewart	K4JYS
	Fox Hunt	\$30	Michael Williamson	KK4YAAQ

RARSfest 2018 pictures





Bill Morine, N2COP Presenting the Roanoke Division Service Award to Karl Bowman W4CHX

There's a nice write up about the award at arrl-roanoke.org and click on AWARDS on far right.

Bill Morine, N2COP is the ARRL's Roanoke Division Vice Director.
Karl Bowman W4CHX. Is the ARRL's North Carolina Section Manager.

RARSfest 2018 pictures



RARS VE Team at 2018 RARSfest.

Thanks go to the RARS VE Team who were very busy at RARSfest. 58 people took exams. Of those 45 passed. We now have 18 new Techs, 18 new Generals (13 were upgrades and 5 passed both their Tech and General exams on the same day) and 9 new Extras.

We look forward to hearing our newly licensed hams on the air and seeing them at RARS functions. Congratulations to all!

There were 58 people who took exams. Of those, 45 passed.

18 new Techs

18 generals -- 13 were upgrades and 5 passed Tech and General to achieve their General
9 upgraded to Extra.

It was quite a hectic session -- the largest we have seen in years.

We had 13 VEs who worked the session.

A total of 74 elements (tests) were taken. If you pass one and there is time, you can take the next element, so obviously a number of them took more than one exam. That is a lot in a 2-hour time frame!! I think we did OK getting things wrapped up for the forum that followed. We were finishing up a few things, but I don't think we intruded on them.

73,

Liz KO4CK & Joe WA4GIR



Pete, NL7XM Amateur Radio Callsign Historian.

NL7XM ("Pete the Greek") provides a wonderful service to the ham community by using his vast collection of Callbooks to research original license dates. His work is done as a service to his fellow hams (although he would accept \$1.00 to defray copying and mailing costs). Keep him in mind when you have old Callbooks to dispose of. Check out his [QRZ entry](#).

Pete is also a director of the national [QCWA](#). The Piedmont Chapter 126 is the [local QCWA](#) chapter.

73 Tom N4TL

Future RARS Meeting Topics

Titles, topics, and speakers subject to change.

4/10/2018	Digital Mode Demo, including FT8	Louis K4BYN & Tom N4TL
5/8/2018	Communications Nostalgia	Tom McKee, K4ZAD
6/12/2018	Field Day	Marty W4MY
7/10/2018	TBD	
8/14/2018	TBD	
9/11/2018	Satellite Communications	John Brier KG4AKV
10/9/2018	RARS Officers nominations RARS Auction	Election committee & TBD
11/13/2018	RARS Officers election and Show and Tell. Bring something of interest in Ham Radio that you would like to show off. Be prepared to talk about it. The time will be limited so everyone can have time to show their item.	Election committee & members
12/11/2018	RARS pot luck Holiday party. Sign up at the RARS website. RARS Officers induction.	Election committee

Spotlight on RARS Net Controls

Virginia Enzor NC4VA, RARS Net Manager



This month's newsletter features our Wednesday and Thursday night NCOs. Please check in with them whenever you can. They would like to hear how your day is going!

Spotlight on RARS Net Control Virginia Enzor

1. Name, Callsign & License class,
Virginia Enzor NC4VA, Extra Class

2. Assigned RARS Net night
Wednesday nights since 2005

3. Year originally licensed
2001

4. How did you get into ham radio?
I had no interest in becoming a ham until my brother said, "If you get your license, it will bring the family closer together." Ah, the guilt card! I studied, passed the exam, got on the air in September 2001, and discovered that ham radio was fun! Upgraded to General in October 2003 and Extra in July 2004.

5. What aspects of the hobby currently interest you?
SKYWARN
Emergency Communications
Operating in state, county, and city parks and other scenic areas

6. Positions that you hold in RARS or other organizations
NC COML Type III AHIMT NC0032
Emergency Coordinator Central Carolina SKYWARN
Wake AuxComm Deputy Coordinator/Wake ARES Assistant Emergency Coordinator
Volunteer Examiner for ARRL and W5YI
Emergency Communications Specialist for my church
North America Southeast Net Manager

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Raleigh Amateur Radio Society Net Manager
Carolina 440 Net Manager
Apex ERC Net Manager
Official Relay Station

7. Any special awards? (DXCC, WAS, WAC, IOTA, etc.)

Have earned DXCC (SSB & Mixed), WAS, WAC, VUCC, CQ WPX; locally, the RARS “64 on 64 Award” and my personal favorite, the “Worked All O’s Award”! That’s O for Orander! Work Dick Orander KD4ISC, Meme Orander KE4NGM and Rob Orander KD4IRZ, and you too can earn this handsome piece of wallpaper! 😊 Hope to turn in my QSL cards for the Islands on the Air Award soon.

8. Any special project you are currently working on?

Trying to get FT-8 up and running!

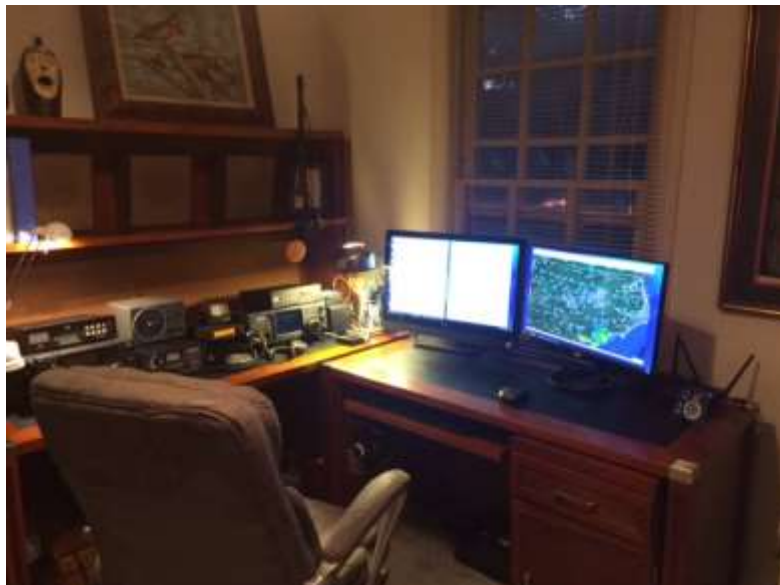
9. Interests outside of radio?

Genealogy; currently writing biographies of my parents, working in the yard, making garden glass sculptures, painting, serving at church.

10. Words of advice for new hams?

Sample as many different activities as you can; you will find something that rings your bell! Don’t be afraid to make mistakes and to ask for help. Share your expertise with others. Become a SKY-WARN spotter. Go for the RARS “64 on 64” Award and you’ll make a lot of friends! Hope to get you in my log!

NC4VA shack



Continued from the previous page



QSL card showcasing shack assistant Rudy

Spotlight on RARS Net Control Julie Royster

1. Name, Callsign & License class
Julie Royster KT4JR, Extra Class
2. Assigned RARS Net night
Thursday
3. Year originally licensed
2006 (as KI4OTM)
4. How did you get into ham radio?
My husband Larry, NC4LR, urged me to join him in the hobby after we retired.
5. What aspects of the hobby currently interest you?
I have been a VE since 2006 and am glad to assist with two VE teams. I do enjoy DXing, although I have not been active recently due to being a fulltime caregiver for Larry.
6. Positions that you hold in RARS or other organizations
Net control for South Wake Amateur Radio Club on Saturday nights

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7. Any special awards? (DXCC, WAS, WAC, IOTA, etc.)

I had fun earning the ARRL Centennial WAS. I had earlier collected cards for an ordinary WAS but have not been to the card checker! I lack 5 confirmed entities for DXCC and hope to get back to that eventually.

8. Any special project you are currently working on?

9. Interests outside of radio?

Gardening, sewing, nutrition, keeping up with medical literature, having fun with my dog Mocha

10. Words of advice for new hams?

Just get started! You seldom know what you will enjoy most before you try different aspects of amateur radio.



Julie Royster KT4JR

Annual Spotter Training via the Central Carolina SKYWARN Information Net

Virginia Enzor NC4VA, Central Carolina SKYWARN Emergency Coordinator

SKYWARN Spotter Training will be offered on the Central Carolina SKYWARN Information Net on April 10 and April 17 at 9:15 PM on the 146.88 repeater (Wake County) and via live-streaming audio on the internet. Training will focus on the role of the SKYWARN spotter, weather safety, and convective basics. This training may be used to earn initial spotter certification or renew certification, which is required every three years. Part 1 of Basic Training will be held on April 10; Part 2 on April 17. The instructor will be Nick Petro, WX3H, Warning Coordination Meteorologist, NWS Raleigh. To fully benefit from this training and to receive certification, you must: a) download the training presentation before each net from www.centralcarolinaskywarn.net (it will be included with the Weekly Weather Impact Briefing; click on the Weekly Weather Impact Briefing on the top menu to download); b) listen and check in at the end of both nets; and c) email Virginia Enzor, NC4VA, Emergency Coordinator (Central Carolina SKYWARN) at nc4va@nc.rr.com with your name, call sign (if licensed), and preferred email address. The NWS will then contact you about completing the spotter certification process.

Scanner listeners and listeners receiving live-streaming audio on the internet at www.broadcastify.com may also participate by downloading the presentations and emailing Virginia NC4VA immediately after both nets. Again, be sure to include your name, call sign (if licensed), and preferred email address. For live-streamed training, visit www.broadcastify.com and proceed as follows: Listen > North Carolina > Wake > Central Carolina SKYWARN.

If you live outside the Raleigh NWS coverage area, the Raleigh NWS will coordinate with your Weather Forecast Office to ensure your SKYWARN spotter certification.

Additional SKYWARN Spotter Training classes sponsored by NWS Raleigh can be found at <http://www.weather.gov/rah/skywarn>

Raleigh Amateur Radio Society

February RARS Board meeting Minutes

Date | time 02/20/18 @ 7:01 pm | *Meeting called to order by* Carl Davis W8WZ

In Attendance

9 Members, 0 Visitors

Carl Davis W8WZ

Tara Goodwin W4TSW

Alan Pitegoff AB4OZ

Murray Merner K4MHM

Dennis Keith NC4DK

Chuck Littlewood K4HF

Tom Lewis N4TL

Greg Seamster KE4PAX

Marty Young W4MY

2 Online:

Hank Montgomery K4HM

Joanne Mars AA3N

Approval of Minutes

Quorum present: September, October, November, & January Board Meeting Minutes approved

Vice President Report-Tom N4TL

Tom is continuing working on presentation line up for the 2018 meetings. He states that March will be the Annual RARS Birthday/Awards Party and RARSfest presentation by Tara (W4TSW) and April will be a Digital Mode Demo, Including FT8 by Louis (K4BYN) and Tom (N4TL). He has the awards certificates prepared.

Treasurer's Report-Greg KE4PAX

Greg reported that there are now 376 members and he had an updated assets report and spoke to the board about updating the list of assets and what we have insured due to needing to keep our insurance policy up to date. Our insurance policy renewal is due April 15th and, as of now, we are going to pay it as is but a discussion was that we need Karl (W4CHX), and group of volunteers, to assist in going through the assets and adding and removing products as needed prior to the renewal in 2019.

Alan (AB4OZ) asked about the coaxial line for the RARS repeater and Greg responded that, though he had heard it was ordered and delivered, he had not seen an invoice to pay so at this time it was not part of the RARS property. He also asked what did the insurance policy cover and it was discussed that it was damage to equipment due to age, weather, and other natural reasons. Alan wanted to know how the policy would work and if they would look at and cover the potential lightning damage to the 640 repeater. It was discussed we would need to look closely at the policy and discuss what it covers and how to file a claim if needed.

The board has decided that there will be a committee formed in October to investigate our insurance policy for claims and other changes, log our assets for insurance reasons, and to give the board an idea of the direction we need to go with the 2019 insurance renewal. This committee will need to work with Karl's repeater committee in logging the assets, and their conditions, in precise detail.

Secretary's Report-Tara W4TSW

Tara reported due to illness there is a delay on the member meeting minutes, she had just received the recording that night and due to the delay in those minutes there would be a delay in the board minutes making it out that month too. She would have the member minutes out for approval in time for submittal to the Exciter.

Directors Reports

Education Director-Carl W8WZ: Carl announced that they already had 17 out of 20 spots filled with students for the March 3rd class. The class will be March 3rd-April 7th including a hands on demo day and a day at RARSfest where, if they so choose too, the students can test that morning or wait until the end of class testing session.

He stated that there are never any serious marketing for these classes yet, within days of posting, the class fills up.

Minutes continued from the previous page

He asked Tara (W4TSW) on an update about the class videos and she reported that Day 1 was available and Day 2 was few days away from being done and she expects to be able to keep the days ahead of the class. She asked how they should be posted; a link on the website or a website that was dedicated to the class videos. It was decided, with Hank (K4HM), that Tara will create a RARS YouTube channel and then link them to the webpage so they could be found from our website. She also asked did they want it done by days or by chapters/reviews. It was agreed to do it by days. Tara also said that next year she wanted to re-record it with a better camera and an actual videographer.

Carl went on to speak about the Demo day and asked if anyone was available to jump on air that day to speak with the students then that would be great. Also, a FEW volunteers at the site would be nice but he did not want too many of them there overwhelming the students.

Exciter Chair-Tom N4TL: Tom wanted to make sure that the people he sends the draft too were okay with receiving and proof reading the Exciter. There was discussion of him adding "This time in history" section.

RARSFEST Chair-Tara W4TSW: Tara reported that there are only two meetings left prior to the event and things are now moving in a fast forward motion. They have added a DMR, Raspberry Pi Demo to the forum and, possibly, throughout the day. She complimented the team she works with on being able to see what needs to be done and making it happen. There was discussion on how to get more volunteers and the board spoke a bit about giving volunteers, in future events, free access to the RARSfest. This will be something discussed at next year's planning meetings with the RARSfest planning committee. She will be passing a sign-up sheet around at the next members meeting.

Field Day Chair-Marty W4MY: Marty reported that he has secured the same facility in Knightdale from last year and is currently recruiting band captains for the various stations. He is looking at Covington's to come and cook for the meal and he will be meeting with his committee soon to discuss how many stations they would have this year. He does know that he will start setting up at 8am on the Friday, prior to the event.

He stated he would be really working on hard on this event after the NCQSO party was over.

NC QSO Party Chair-Marty W4MY: Marty reported that the upcoming Sunday, February 25th, was the day of the NC QSO Party. South Carolina would be 10am-8pm on Saturday the 24th and North Carolina the next day. There bonus stations for this year's event are going to be: Battleship (N14BK), Voices of America (W1VOA), Raleigh Amateur Radio Society (W4DW), Fort Bragg (NC4QP), and the Bonus Counties would be Allegheny County and Columbus County. Also there would be a Spelling Bee contest with

Minutes continued from the previous page

the word CAROLINA. Due to Iredell being the only 'I' county they had six known major activations in Iredell.

There is a wooden plaque for the winners of the 22 Categories that were available to win in. There is also a personalized certificate for those who win the Spelling Bee.

Marty is going to be on HAM Nation tomorrow night, Wednesday February 21, 2018, to discuss the NCQSO Party.

Webmaster-Hank K4HM: He has updated some pages on the website. Our server provider is looking to move the site to a new server soon. Knowing that this will cause issues and dead links he has asked them to withhold moving anything until April, after RARSfest. He expects to have some issues to correct once this rollover happens.

He mentioned he did not know about the new Website that was launched for NCQSO party and let them know that they have backups of the information that is on our current RARS server if they are needed.

Food Service Chair-Bill AK4BL: Not present but report was read by Carl about the March Birthday event during the Member Meeting. There will be cake and he is figuring out a way to do Ice Cream too.

FM Repeater Chair-Karl W4CHX: Not present, but the board will be in contact with Karl regarding the formation of the Repeater Committee needed for running the repeaters, the linking and work on the repeaters, and assistance with the upcoming insurance audit.

Youth Director-Murray K4MHM: Present; no report.

Immediate Past President-Dennis NC4DK: Present, no report

ARRL Liaison-Chuck K4HF: Present; no report

Director-at-large-Joanne AA3N: Present; no report at this time

Director-at-large-Marty W4MY: Present; no additional report

Director-at-large-Alan Pitegoff AB4OZ: Present, no report to give

Net Manager-Virginia NC4VA: Not present, but sent a report that the nets are going very well.

Public Information Officer-Charles KM4AMT: Not present, no report given.

ARRL NC Section Manager-Karl W4CHX: Not present, no report given

W4DW/W4RNC TRUSTEE-Jeff, AC4ZO: Not present, no report given

Minutes continued from the previous page

Public Service Director-John K3RHJ: Not present, no report given

Old Business

This past week a RARS member, John Brier (KG4AKV) and Murray Merner (K4MHM) participated in a satellite event at Moore Square Gifted Talented AIG Middle School where they assisted the children in making contact and speaking to the astronauts. Murray reports that it was packed full with kids and that the contact was clear and the kids had a lot questions so the event was a great success. Dennis (NC4DK) said it was available to watch on YouTube.

Last month it was decided that we would do a test run of using electronic means and allow our board members, who are unable to attend a meeting due to distance, to attend electronically. Tonight we had Hank (K4HM) and Joanne (AA3N) join us, via Zoom, and they were able to listen and contribute to the meeting in real time. The test was very successful so the motion was opened, by Dennis (NC4DK) and seconded, by Murray (K4MHM) and Greg (KE4PAX) to open the discussion.

Marty (W4MY) had the question of how many people could dial in and this was answered by Tara (W4TSW) that the program would allow up to 100 participants. She then added this would only be for board members who, due to circumstance or distance, could not attend the meeting and not for those who just did not feel like leaving their house that day.

There was discussion on hardware. Currently the board is using the computer of the Secretary, Tara (W4TSW), so there is an open of discussion of doing a one-time expense for a laptop and external mike in preparation of being able to have the proper equipment even if board members are away or leave the organization.

The vote to use digital participation, for those board members unable to attend in person due to distance or personal reasons, was unanimous.

Murry (K4MHM) brought up that Karl (W4CHX) was keeping the board up to date on the city's regulations on towers and the group was in hopes that they would go along with the national regulations. Karl has not updated the board in over a year and he asks that we reach out to Karl and get updated on the status.

New Business

Chuck (K4HF) reminded the board that next month is the RARS Awards and he was still accepting nominations for those who we believe should be recognized for their service to the Raleigh Amateur Radio Society and/or ham community.

Minutes continued from the previous page

Additional Business/Comments/Announcements

None

Next Meeting

03/20/2018, 2011 Ridge Road at 7pm

Meeting was adjourned at 8:46pm

Meeting Minutes taken and Submitted by Tara Goodwin W4TSW

National Morse Code Day, April 27

We've heard the sound in movies both old and new, it finds its way into horror movies as some lost mysterious code. Heroes in action flicks use it to help send out secret messages past the villains holding them captive, and secret lovers have passed messages using it in carefully constructed pieces of art or even braille. It served as the foundation for a new era of communication, and has served vital roles in wars old and new. What is it we're talking about? Morse Code of course! Morse Code Day celebrates this amazingly concise, powerful, and influential way of transmitting information and the history of how it changed the world.

<https://www.daysoftheyear.com/days/morse-code-day/>

Minutes

Raleigh Amateur Radio Society

Members Meeting
March 2018

Date | time 03/13/18 @ 7:30pm | *Meeting called to order by* Carl Davis, W8WZ

In Attendance

The monthly membership meeting of the Raleigh Amateur Radio Society met at the Ridge Road Baptist Church in Raleigh. The meeting was called to order by President Carl, W8WZ, at 7:30 pm.

The pledge of Allegiance was recited

44 members and 3 visitors.

Visitors were Sawyer Gilcrest, Richard Adams (KJ4FJG), and Tom Schwartz (NC4TS)

Approval of Minutes

A quorum being present, a motion to accept the minutes of the February 13, 2018 meeting, as published in the Exciter, was made, seconded, and approved.

Continuing Announcements

The RARS dinner takes place monthly on the first Tuesday (next: April 3rd) at 6:30p.m. at Golden Corral; 6129 Glenwood Ave, Raleigh.

The next board meeting, which is open to all our members, will be Tuesday March 20th at 7pm in the Ridge Road Church conference room. Afterwards many members retire to a nearby restaurant for a quick bite.

The after-meeting gathering, for any who are interested, will be at the Edwards Mill Bar & Grill located at 3201 Edwards Mill Rd Raleigh Alan (AB4OZ) has the details

A new ham/Elmer's meeting with new hams, and anyone interested, takes place before each membership meeting at 6pm at the Ridge Road church.

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Carl spoke about the WRAL doing two great stories involving two of our RARS members, John Brier (KG4AKV) and Johnnie Mayfield. Carl had flyers available with the contact information for the WRAL station and asked that the members take a moment to send a thank you email.

Alan (AB4OZ) announced that he would have a 10 meter net at 9pm on Saturday the 17th, following the tech net 28.364, for those wanting to test equipment. He would start by beaming west then work his way around to catch as many check-ins as possible.

Vice President Report/Exciter Chair-Tom N4TL

He thanked the members for all the information that was submitted for the February Exciter.

Tom announced that the April's presentation would be Digital Mode Demo, including FT8, by Louis (K4BYN) and Tom (N4TL), May would be Communications Nostalgia by Tom Mckee (K4ZAD), and June would be Field Day Presentation by Marty (W4MY)

Treasurer's Report-Greg KE4PAX

Greg announced that we currently have 381 members. He updated the club on the current numbers and the Treasurers Report was approved. For those interested in official treasurer reports can contact Greg (KE4PAX)

Secretary's Report-Tara W4TSW

No Report; Quorum present

Board and Committee Reports

Education Director-Carl W8WZ: Carl announced that the newest technician class is starting out well and that the class filled up and that there is a good diverse mix of people studying to get their amateur license. He invited anyone to assist with the Demo day by assisting in person, or waiting by the 88 repeater.

RARSFEST Chair-Tara W4TSW: Present; No Report-Presentation

Board and Committee with No Report

Public Service-John K3RHJ
Field Day Chair-Marty W4MY
Net Manager-Virginia NC4VA
FM Repeater Chair-Karl W4CHX
Food Service-Bill AK4BL
ARRL Liaison-Chuck K4HF
Youth Director-Murray K4MHM
Past President-Dennis NC4DK
Director At Large-Joanne AA3N
ARRL Section Manager-Karl W4CHX
Webmaster-Hank K4HM
W4DW/W4RNC Trustee
Director at Large-Alan Pitegoff AB4OZ
NC QSO Party Chair-Marty W4MY

Door Prizes

Door prizes were won by Dennis Mason (WZ0Q), Mary Holtschneider (KG4OQA), Kenneth Castille KN4GUS,

Congratulations to all our March Winners!!!

Old Business

No Old Business

New Business

This month was the appreciation awards ceremony and the several Amateur Radio Operators received

Minutes continued from the previous page

recognition for their service in the ham community.

Plaques:

Dennis Keith (NC4DK) RARS President 2016-2017

Robert Chapman (NC1X) RARS Secretary 2014-2017

Thomas Lewis (N4TL) In appreciation as the RARS Exciter Editor 2015-present

Tadd Torborg (KA2DEW) Appreciation for managing the RARS New Ham Class

Ian Hewitt (N0IAN) RARSfest Chairman 2016-2018

Charles Littlewood (K4HF) In appreciation for assisting in all 46 RARSfest 1973-2018

Certificates:

Mary Holtschneider (KG4OQA) RARS Net Manager 2002-2017

Raymond Lefrancois (NC4OO) RARS Director At Large 2015-2017

John Brier (KG4AKV) Managing the 02/05/2018 ISS School Project

Harry Montgomery Jr (K4HM) RARSfest Staff 2000-2018

Selene Montgomery (KG4RMT) RARSfest help 2000-2018

Bernard Blackmon Jr (W4BRB) RARSfest Staff 1991-2018

Douglas Sweet (AD4UL) RARSfest Staff 1991-2018

Ronnie Casey (K4JDR) Support of Hams Public Service

Harold Finley Jr (W4BAD) Support of Hams Public Service

Dee Ramm (KU4GC) Support of Hams Public Service

Danny Eddleman (KR4UB) Support of Hams Public Service

Amnon Nissan, owner of DeltaForce Technologies-Appreciation of years of support for the RARS web-sites

Dick Orander (KD4ISC) Long RARS support as net manager, ISS Project, Public Service, & RARSfest Staff

Julie Royster (KT4JR) For her contributions as a volunteer examiner team member

Gillian Zech-appreciation for several years as RARSfest Supper Staff, door prize assistant, and many other duties.

Additional Business/Comments/Announcements

Alan (AB4OZ) gave his Tech Tip for March using inexpensive brackets from the home improvement supply store to hold antennas. For more information please contact Alan.

Joann (AA3N) spent a few minutes talking about the upcoming RARSfest member dinner for Mary Jo Littlewood (K4MJL), who could not attend, and stated that the dinner will be on Friday March 30th at 7pm, the night before RARSfest and that all members, and their families, of RARS were welcome to attend but to please bring sides and/or a dessert. Also, they are still looking for volunteers to assist with the supper set up, serving, and break down.

Jack Kazebeer (K3RDZ) made an announcement about handheld's being a great way to assist the security for RARSfest.

Tonight's presentation was by Tara (W4TSW) and it was the RARSfest presentation

Next Meeting

04/10/2017, 2011 Ridge Road at 7pm

Meeting was adjourned at 8:22 pm

Meeting Minutes taken and Submitted by Tara Goodwin W4TSW

World Amateur Radio Day

Every April 18, radio amateurs worldwide take to the airwaves in celebration of World Amateur Radio Day. It was on that day in 1925 that the International Amateur Radio Union was formed in Paris.

<http://www.iaru.org/world-amateur-radio-day.html>

FCC OPENS INVERSE SPECTRUM TO HAMS!

Newsflash April 1, 2018

By your on the spot with news at the spot where the news is the news reporter Arthur KX4IZ

=====

As many of you hams know, radio waves bounce when they hit the surface of the earth. We normally send radio waves on top of the earth, but it is also possible to send radio waves UNDER the earth. The FCC and the military have not allowed this mode of propagation before, because they use it with their submarines, which are usually under the surface of the earth. However, with the end of the cold war, we are now allowed to transmit this way.

With the minor changes below, we will show you how to use your ham radio to communicate this new and exciting way! Use 160 Meters all day long!

The great news, is there is no radio horizon. You can talk to anyone, anywhere, anytime on any frequency. We do strongly recommend you avoid 642.114 MHZ, because that is the frequency the soviets used to launch their nuclear missiles. We think they're not using that anymore, but we aren't sure.

Even better news is there is no power limit, which is good, as this propagation path is just a bit lossy.

On normal airwaves, music, business, and profanity are prohibited. On the inverse spectrum, they are required. To make this easy, we have combined the audio of George Carlin's seven dirty words with the shopping channel and some classic jazz into a one hour MP3 you can download and play in the background to easily be compliant.

On the inverse spectrum, CW works great. Just be sure to play the dots and dashes in reverse order.

Upper side band and lower side band are now east and west side bands respectively.

The 1's and 0's of all digital modes are inverted. Be sure to set this option in your transmitter and receiver, or all the words you hear will be upside down. The tone pairs of FSK modes are inverted as well.

To convert your ham shack to use the inverse spectrum, it's not hard. It's important to place all your equipment on an insulating sheet. I use a big piece of plastic, but you can use almost anything. The second thing to do is cut off all the ground plugs on your equipment, or you can use those adaptors. Please realize, this will mean the chassis of your transmitter will be at high voltage, so only touch the plastic knobs, never the metal parts. Don't worry, you'll learn this trick very quickly. This also

Continued from the previous page

helps the cats, children and non-hams learn not to play with a transmitter which is a good lesson.

The antenna connections on your transmitter are reversed. So take the middle part of the plug, and get it into the best ground conductor you can find. I use the 5 inch metal casing of our water well, it goes down about 60 feet. The water in it helps cool the antenna as well. If you don't have a well, simply connect it to your water pipe, and tell the family not to take showers, baths, wash their hands, or flush the toilet while you are on the air.

The outer part of the antenna plug must be connected to a good air with a non-conducting path. I use a surplus WW2 barrage balloon, with some heavy grade ½ inch nylon rope. This works great. Be sure to keep it under 200 feet, so airplanes won't hit it. If you don't have a balloon, simply throw the rope in the air and transmit fast.

You'll need to adjust your output power up a bit to get a good signal. I'm using 1.21 Giga watts, and I'm able to get a clear QSO with my brother about 300 years away. I'll be adding an additional substation to power my new rig.

Call sign ID rules have changed as well. You only need to send your call sign every 100 minutes rather than every 10. This is because your transmission will be echoing inside the earth that long, and we can just listen for your echo. Don't forget to say your call sign backwards.

QSL cards for the inverse spectrum are called LSQ cards.

I hope to see you on the inverse spectrum soon!

Arthur KX4IZ...or ZI4XK on the inverse spectrum!

THIS IS A JOKE. DO NOT REALLY MODIFY YOUR TRANSMITTER IT'S DANGEROUS. THE FCC DID NOT CHANGE THE RULES, AND THEY WON'T HAVE A SENSE OF HUMOR ABOUT IT. IF YOU DON'T REALIZE THIS, SEEK PROFESSIONAL HELP IMMEDIATELY FOR A HUMOR IMPLANT.

73 Arthur KX4IZ

Current Public Service Opportunities

To volunteer for a Public Service event please complete the form at the top of this page.

WELCOME TO THE 2018 HAM PUBLIC SERVICE EVENT SIGNUP PAGE. Choose the event(s) for which you would like to volunteer and complete the sign-up form at the top of the page... note... one form for EACH event that you are volunteering. It's also very helpful to indicate what type of assignment you're interested in.

THE 2018 LIST OF PUBLIC SERVICE EVENTS WILL BE POSTED AS CONFIRMED - CHECK BACK FREQUENTLY FOR UPDATED INFORMATION

Events you can sign up for now:

T-SHIRT SIZE www.rars.org/public-service.php

* TO VOLUNTEER, FILL OUT THE FORM AT www.rars.org/public-service.php

The most versatile pieces of equipment for working as a ham volunteer during public service events are as follows:

PRIMARY EQUIPMENT

- * Dual band (144/440) 25 watt (min) mobile transceiver
- * A 1/2-5/8 wave well grounded dual band mobile antenna

EXTRAS THAT ARE HELPFUL

- * Dual Band (144/440) hand held transceiver
- * Extra set of charged batteries
- * Ear phones & speaker mic or boom mic/headphone set
- * Higher gain antenna than the supplied rubber duck. For example Comet BN-24 or SMA-24 or Diamond RHF40 or SRH77CA. There are also many other hi-gain HT antennas available.

2018 MS Walk Raleigh

April 7, 2018 - Saturday - Raleigh, NC

This is a walking event, one or three miles around PNC Arena. Sponsored by the MS Society. Shadows and Rest Stop Hams are typically needed at 7:30 AM, with the event wrapping up around noon.

* Location: PNC Arena, 1400 Edwards Mill Rd., Raleigh, NC 27607

* Ham Coordinator: Brian Young (KA9QJT)

Continued from the previous page

* Website: [MS Walk Raleigh](#)

* **TO VOLUNTEER, FILL OUT THE FORM AT www.rars.org/public-service.php**

2018 Spring Rally

April 15, 2018 - Sunday - Cary, NC

This is a "new to us" event to support. It's been around for several years. The North Carolina Bike Club (NCBC) coordinates this charity ride, typically features 31, 62 and 100 mile courses for the riders. SAGS, as well as Hams assigned to Rest Stops will be needed.

* Location: Lifetime Fitness, 1700 Regency Pkwy, Cary, NC 27518

* Ham Coordinator: John Stone (K3RHJ)

* Website: [NCBC Website](#)

* **TO VOLUNTEER, FILL OUT THE FORM AT www.rars.org/public-service.php**

2018 Tour de Triangle

April 28, 2018 - Saturday - Cary, NC

This bike ride event requires SAGS, as well as Hams assigned to Rest Stops. Funds raised by riders benefit UnitedHealthCare Children's Foundation which makes grants to families with children needing medical care.

* Location: Firefly Farms, 5581 Harward Ln., Raleigh, NC 27606

* Ham Coordinator: John Stone (K3RHJ)

* Website: [2nd Annual Tour de Triangle Ride](#)

TO VOLUNTEER, FILL OUT THE FORM AT www.rars.org/public-service.php

2018 Raven Rock Ramble

May 6, 2017 - Sunday - New Hill, NC

This bike event has multiple routes from 10 to 100 miles, requiring SAGS, as well as Hams assigned to Rest Stops. There will be approximately 700 riders participating and raising funds for the UNC Kidney Center.

* Location: Harris Lake County Park, 2112 County Park Dr., New Hill, NC 27562

* Ham Coordinator: John Stone (K3RHJ)

* Website: [Raven Rock Ramble](#)

TO VOLUNTEER, FILL OUT THE FORM AT www.rars.org/public-service.php

RARS Classifieds

Copied from www.rars.org/classifieds.php

The items below were listed within the last 30 days on the RARS website.

Kenwood TM-271A 2 meter mobile

Posted April 2nd, 2018 by: WZ0Q

Contact: wz0q@outlook.com

RADIOVHF - Kenwood TM271A 2 meter /Lower price Have a nice looking, working Kenwood TM-271A mobile, comes with Original box ,copy of manual (English) original Spanish edition of manual, mounting bracket and all hardware, mic, (mic cable has some fraying, but Mic works fine.

Asking \$80.00. OBO.

919-413-5998

Dennis, WZ0Q

ICOM IC-7600 160 to 6 Meter HF Transceiver w/IC PS-125 P. Supply

Posted April 1st, 2018 by: K4HF

Contact: k4hf@arrl.net

This 100 watt transceiver has had little use and is in as new condition. It comes with the original box, manual, mike and D/C power cord. The power supply comes with the required 6 pin supply to 4 pin radio cable adapter. \$1495 for the pair. Prefer local. Contact me by e mail, preferred, or (919) 872-6555 Thanks, Chuck K4HF

LH Research Mighty Mite Power Supply and UHF Duplexer

Posted March 28th, 2018 by: W4ZWA

Contact: zackalexander@w4zwa.com

LH Research Mighty Mite Power Supply \$60.00

Motorola UHF Rack mountable duplexer. I acquired this a few years back. Currently tuned for GMRS frequencies. \$140

also have other items listed on qrz.com. Please email for pictures.

Kenwood TH-315A 220 HT for Sale

Posted March 16th, 2018 by: W4BRB

Continued from the previous page

Contact: bernardb15@att.net

I have a very clean Kenwood TH-315A with 2 12v batteries. The HT has 10 memory slots for repeaters and/or simplex frequencies. The HT is in very good working order.

I have the box, a downloaded manual, and a MAMA rapid charger to go with the radio. I'm asking \$60.00 for the package.

MFJ Power Supply and Uniden BC350A

Posted March 11th, 2018 by: W4ZWA

Contact: zackalexander@w4zwa.com

MFJ-4115 15 AMP power supply. Acquired at some point via a trade, unsure if it was ever used. Works great and would be good for powering a mobile radio for base station use. Power cable included \$30.00

Uniden BC350A Scanner. Power cable, antenna, and external speaker included. Worked great to monitor local Air/Rail traffic. \$20.00

First Annual WCARA Un-Fest

Now that the RARSFest is in the books it is time to turn to the First Annual WCARA Un-Fest. The Un-fest is strictly a Tailgating Swap fest....the date is the 5th of May, location is Wayne Community College. See attachment for details. Selling or Buying please come join us.

<http://www.k4cyp.com/>

73, Peter M. Wene, WA5T

Vice President WCARA/KARS

Kiss My Grits, Radio Shack

Article by Howard Goodman, N4KYW

Marginal though it had become of late, Radio Shack nevertheless continued to disappoint a lot of hams when it shuttered its doors. Where else could we hams go on a Saturday or Sunday to purchase sundry electronic components, such as capacitors, resistors, phone jacks, and... cable ties? Hamfests never seem to happen when you really, REALLY need something.

Yodda, yodda, well I'm here to inform you that another local supplier has emerged... at least for cable ties. Dollar Tree! Next time you're there to stock up on canned Vienna Sausage or party balloons or melamine plates, set aside a few moments to visit their hardware section. There, you'll find these varieties of cable ties... or zip ties... or tie-wraps... or whatever you prefer to call them.



Left-to-right:

30 pieces, 11" length, natural nylon color

65 pieces, 8" length, white nylon color

100 pieces, assorted lengths and colors

Such a deal! Well, at least it's a new beginning toward filling the void left by Radio Shack's curtain fall. There's no guarantee that every Dollar Tree has them on the shelf. No problem! There's probably another Dollar Tree two blocks from the one you're at. Hey, maybe some day one of us will be submitting an article, "QRP Rig Built Entirely from Dollar Tree Parts."

Digital Demo notes for the April RARS presentation.

All of these items will be explained during the demonstration.

Software used is “WSJT-X” You can down load it from this website,

<https://physics.princeton.edu/pulsar/k1jt/wsjsx.html>

Cables for rig control are sold at this company. You can use others or make your own. The ones used at the demo are, ICOM CT-17 USB FTDI Chipset CI-V Cat Control Programming Cable 3 Feet. You can also set the rigs frequency by hand. The program does not have to do it.

Valley-ent.com

This is the audio interface that will be used, [Tigertronics SignalLink USB](#). It is sold by many [dealers](#). You can use others or make your own.

The clock has to be correct on your computer. Dimension 4 software is used for this.

You can down load it for free from this website,

<http://www.thinkman.com/dimension4/>

Don’t run it once, let it run all the time to keep the clock correct.

This is the website for the PSK Reporter.

<https://pskreporter.info/pskmap.html>

You can determine your grid Square at this website.

http://www.levinecentral.com/ham/grid_square.php

Digital Demo notes for the April RARS presentation continued

Here are a few WSJT-X keyboard shortcuts

F3 Display Keyboard Shortcuts

F5 Display Special Mouse Commands

